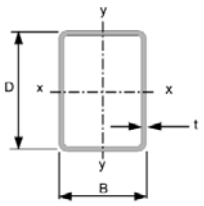
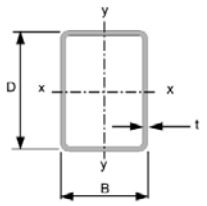
Cold Formed Hollow Sections
Dimensions — Rectangular



Imperial Units

Designation			Mass	Area	Second Moment of Area I		Radius of Gyration r		Elastic Modulus Z		Plastic Modulus S		Torsional Constant		Surface
Size DxB		Thickness t	Per Metre	of Section A	Axis x-x	Axis y-y	Axis x-x	Axis y-y	Axis x-x	Axis y-y	Axis x-x	Axis y-y	J	C	Area per Metre
in	mm	mm	kg/m	cm^2	cm^4	cm^4	cm	cm	cm^3	cm^3	cm^3	cm^3	cm^4	cm^3	m^2/m
1x1/2	25.4x12.7	1.0	0.547	0.696	0.552	0.185	0.890	0.515	0.434	0.291	0.551	0.339	0.464	0.508	0.0728
		1.2	0.643	0.820	0.632	0.210	0.878	0.506	0.498	0.331	0.640	0.391	0.537	0.580	0.0721
		1.6	0.825	1.05	0.767	0.251	0.854	0.489	0.604	0.395	0.796	0.483	0.664	0.699	0.0707
1 1/2x1	38.1x25.4	1.0	0.95	1.20	2.44	1.31	1.42	1.04	1.28	1.03	1.55	1.17	2.71	1.70	0.124
		1.2	1.12	1.43	2.85	1.53	1.41	1.03	1.50	1.20	1.82	1.38	3.20	1.98	0.123
		1.6	1.46	1.86	3.61	1.92	1.39	1.01	1.90	1.51	2.33	1.76	4.12	2.50	0.122
2x1	50.8x25.4	1.2	1.36	1.73	5.78	1.97	1.83	1.07	2.28	1.55	2.82	1.75	4.77	2.68	0.148
		1.5	1.68	2.14	7.00	2.37	1.81	1.05	2.75	1.87	3.45	2.13	5.82	3.24	0.147
		1.6	1.78	2.27	7.38	2.50	1.80	1.05	2.91	1.97	3.65	2.25	6.15	3.41	0.147
		2.3	2.48	3.16	9.81	3.27	1.76	1.02	3.86	2.57	4.95	3.03	8.31	4.50	0.145
		2.4	2.57	3.28	10.1	3.36	1.76	1.01	3.98	2.65	5.12	3.13	8.60	4.64	0.144
		3.0	3.12	3.98	11.8	3.87	1.72	0.986	4.64	3.05	6.08	3.70	10.2	5.38	0.142
2 1/2x1 1/2	63.5x38.1	1.6	2.42	3.08	16.9	7.67	2.34	1.58	5.32	4.03	6.47	4.56	16.9	6.76	0.198
		2.3	3.40	4.33	22.9	10.3	2.30	1.55	7.22	5.43	8.93	6.27	23.3	9.16	0.195
		2.4	3.53	4.50	23.7	10.7	2.30	1.54	7.47	5.61	9.26	6.50	24.2	9.47	0.195
		3.0	4.32	5.50	28.2	12.6	2.26	1.51	8.88	6.63	11.2	7.80	29.2	11.2	0.193
3x1 1/2	76.2x38.1	1.6	2.74	3.49	26.4	9.0	2.75	1.61	6.93	4.74	8.6	5.30	21.7	8.18	0.223
		1.9	3.22	4.11	30.7	10.4	2.73	1.60	8.05	5.48	10.0	6.18	25.4	9.49	0.222
		2.3	3.85	4.91	36.1	12.2	2.71	1.58	9.47	6.41	11.9	7.31	30.0	11.1	0.221
		2.4	4.01	5.11	37.4	12.6	2.70	1.57	9.81	6.63	12.3	7.58	31.1	11.5	0.220
		3.0	4.92	6.27	44.7	15.0	2.67	1.55	11.7	7.86	14.9	9.14	37.6	13.7	0.218
3x2	76.2x50.8	1.9	3.60	4.59	37.3	20.0	2.85	2.09	9.80	7.88	11.8	8.95	41.4	13.0	0.247
		2.3	4.31	5.49	44.1	23.6	2.83	2.07	11.6	9.28	14.0	10.6	49.3	15.3	0.246
		2.4	4.49	5.72	45.7	24.4	2.83	2.07	12.0	9.61	14.6	11.0	51.2	15.9	0.246
		3.0	5.52	7.03	54.9	29.2	2.79	2.04	14.4	11.5	17.7	13.4	62.3	19.0	0.244
		3.2	5.85	7.45	57.8	30.7	2.78	2.03	15.2	12.1	18.7	14.1	65.8	20.0	0.243
		4.0	7.15	9.11	68.4	36.2	2.74	1.99	18.0	14.2	22.4	16.9	79.3	23.7	0.240
		4.6	8.08	10.29	75.5	39.8	2.71	1.97	19.8	15.7	25.0	18.8	88.5	26.2	0.238
		4.8	8.38	10.68	77.7	40.9	2.70	1.96	20.4	16.1	25.8	19.4	91.4	26.9	0.238
		6.4	10.65	13.56	92.3	48.1	2.61	1.88	24.2	18.9	31.7	23.7	112.0	32.1	0.232
4x2	101.6x50.8	1.9	4.36	5.55	75.2	25.8	3.68	2.16	14.8	10.2	18.2	11.3	61.7	17.5	0.298
		2.3	5.23	6.66	89.1	30.4	3.66	2.14	17.5	12.0	21.7	13.4	73.5	20.7	0.297
		2.4	5.45	6.94	92.5	31.6	3.65	2.13	18.2	12.4	22.6	14.0	76.3	21.5	0.297
		3.0	6.71	8.55	112	37.9	3.62	2.11	22.0	14.9	27.6	17.0	93.1	25.9	0.294
		3.2	7.13	9.08	118	39.9	3.61	2.10	23.2	15.7	29.2	18.0	98.4	27.3	0.294
		4.0	8.74	11.1	141	47.3	3.56	2.06	27.8	18.6	35.3	21.7	119	32.5	0.291
		4.6	9.91	12.63	157	52.3	3.52	2.03	30.9	20.6	39.6	24.2	133.0	36.0	0.289
		4.8	10.30	13.12	162	53.8	3.51	2.03	31.9	21.2	41.0	25.1	137.6	37.1	0.288
		6.4	13.20	16.8	196	64.3	3.42	1.95	38.6	25.3	51.0	30.9	170	44.7	0.283

Cold Formed Hollow Sections
Dimensions — Rectangular

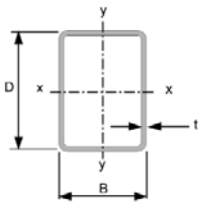


Imperial Units

Designation			Mass	Area	Second Moment of Area I		Radius of Gyration r		Elastic Modulus Z		Plastic Modulus S		Torsional Constant		Surface
Size DxB		Thickness t	Per Metre	of Section A	Axis x-x	Axis y-y	Axis x-x	Axis y-y	Axis x-x	Axis y-y	Axis x-x	Axis y-y	J	C	Area per Metre
in	mm	mm	kg/m	cm^2	cm^4	cm^4	cm	cm	cm^3	cm^3	cm^3	cm^3	cm^4	cm^3	m^2/m
4x3	101.6x76.2	3.0	7.91	10.1	149	96	3.85	3.08	29.3	25.1	35.1	28.8	186	40.4	0.345
		3.2	8.40	10.7	157	101	3.84	3.07	31.0	26.5	37.2	30.5	197	42.7	0.345
		4.0	10.34	13.2	190	121	3.79	3.04	37.3	31.9	45.2	37.1	240	51.5	0.342
		4.5	11.52	14.7	208	133	3.77	3.01	41.0	35.0	50.0	41.0	266	56.5	0.340
		4.6	11.75	15.0	212	135	3.76	3.01	41.7	35.6	50.9	41.8	271	57.5	0.340
		4.8	12.21	15.6	219	140	3.75	3.00	43.1	36.7	52.8	43.3	281	59.5	0.339
		6.0	14.89	19.0	258	164	3.69	2.94	50.8	43.1	63.2	51.7	337	70.2	0.335
		6.4	15.48	19.7	261	167	3.64	2.91	51.4	43.7	64.6	53.0	354	72.9	0.328
5x2	127.0x50.8	3.0	7.91	10.1	197	46.7	4.42	2.15	31.0	18.4	39.4	20.6	125	32.8	0.345
		3.2	8.40	10.7	208	49.2	4.40	2.14	32.7	19.4	41.7	21.8	132	34.5	0.345
		4.0	10.34	13.2	250	58.5	4.36	2.11	39.4	23.0	50.7	26.4	160	41.3	0.342
		4.5	11.52	14.7	274	63.8	4.32	2.09	43.2	25.1	56.1	29.1	176	45.1	0.340
		4.6	11.75	15.0	279	64.8	4.32	2.08	44.0	25.5	57.1	29.6	179	45.8	0.340
		4.8	12.21	15.6	288	66.8	4.31	2.07	45.4	26.3	59.2	30.7	185	47.3	0.339
		6.0	14.89	19.0	339	77.3	4.23	2.02	53.4	30.4	70.8	36.4	220	55.1	0.335
		6.4	15.48	19.7	340	78.1	4.15	1.99	53.6	30.8	72.1	37.2	229	56.8	0.328
5x3	127.0x76.2	3.0	9.11	11.6	255	116	4.69	3.16	40.2	30.5	48.8	34.4	255	51.2	0.396
		3.2	9.68	12.3	270	123	4.68	3.16	42.5	32.2	51.8	36.5	271	54.1	0.395
		4.0	11.94	15.2	327	148	4.64	3.12	51.5	38.8	63.2	44.4	330	65.4	0.393
		4.5	13.31	17.0	360	163	4.61	3.10	56.7	42.7	70.1	49.2	366	72.0	0.391
		4.6	13.58	17.3	367	165	4.60	3.09	57.7	43.4	71.4	50.1	373	73.2	0.391
		4.8	14.12	18.0	379	171	4.59	3.08	59.8	44.9	74.1	52.0	387	75.8	0.390
		6.0	17.28	22.0	451	202	4.53	3.03	71.0	53.0	89.2	62.4	467	89.9	0.386
		6.4	18.03	23.0	459	206	4.47	3.00	72.2	54.1	91.7	64.3	492	93.6	0.379
		8.0	22.22	28.3	551	244	4.41	2.94	86.8	64.2	111.6	77.8	584	109.8	0.379
		9.5	25.04	31.9	580	258	4.27	2.84	91.4	67.8	121.1	84.6	651	119.8	0.366
6x2	152.4x50.8	3.0	9.11	11.6	314	55.4	5.20	2.18	41.2	21.8	53.2	24.3	158	39.6	0.396
		3.2	9.68	12.3	332	58.4	5.19	2.18	43.6	23.0	56.4	25.7	167	41.8	0.395
		4.0	11.94	15.2	401	69.7	5.14	2.14	52.6	27.4	68.7	31.2	202	50.0	0.393
		4.5	13.31	17.0	442	76.1	5.10	2.12	58.0	30.0	76.1	34.4	223	54.8	0.391
		4.6	13.58	17.3	450	77.3	5.10	2.11	59.0	30.4	77.6	35.0	227	55.7	0.391
		4.8	14.12	18.0	465	79.7	5.08	2.10	61.0	31.4	80.5	36.3	234	57.5	0.390
		6.0	17.28	22.0	551	92.7	5.00	2.05	72.4	36.5	96.8	43.2	278	67.2	0.386
		6.4	18.03	23.0	557	94.3	4.93	2.03	73.1	37.1	99.2	44.5	290	69.5	0.379
6x3	152.4x76.2	3.0	10.30	13.1	399	137	5.51	3.23	52.3	35.9	64.5	40.0	327	61.9	0.447
		3.2	10.96	14.0	422	144	5.50	3.22	55.4	37.9	68.5	42.4	347	65.5	0.446
		4.0	13.53	17.2	513	174	5.46	3.18	67.3	45.8	83.8	51.8	425	79.3	0.443
		4.5	15.11	19.2	567	192	5.43	3.16	74.4	50.4	93.1	57.4	471	87.4	0.442
		4.6	15.42	19.6	577	195	5.42	3.15	75.7	51.3	94.9	58.5	480	89.0	0.441
		6.0	19.68	25.1	715	240	5.34	3.09	93.8	62.9	119	73.1	602	110	0.437
		6.4	20.58	26.2	730	246	5.28	3.06	95.9	64.6	123	75.7	635	114	0.430
		8.0	25.41	32.4	883	292	5.22	3.00	115.8	76.6	150	91.6	755	135	0.430
		9.5	28.83	36.7	942	312	5.07	2.92	123.6	81.9	165	100.7	847	148	0.416

8 Cross Street #24-03 PWC Building Singapore 048424
Tel: (65) 6221 0018 • Fax: (65) 6224 6771
Kranji Yard: No. 20 Kranji Loop Singapore 739556 • Gul Crescent Yard: Lot No. 1055110 Gul Crescent
sales@regencysteelasia.com.sg • www.regencysteelasia.com.sg
RSA Regency Steel Asia

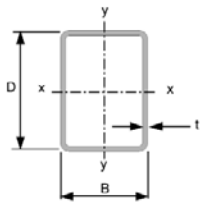
Cold Formed Hollow Sections
Dimensions — Rectangular



Imperial Units

Designation			Mass	Area	Second Moment of Area I		Radius of Gyration r		Elastic Modulus Z		Plastic Modulus S		Torsional Constant		Surface
Size DxB		Thickness t	Per Metre	of Section A	Axis x-x	Axis y-y	Axis x-x	Axis y-y	Axis x-x	Axis y-y	Axis x-x	Axis y-y	J	C	Area per Metre
in	mm	mm	kg/m	cm^2	cm^4	cm^4	cm	cm	cm^3	cm^3	cm^3	cm^3	cm^4	cm^3	m^2/m
6x4	152.4x101.6	4.0	15.13	19.3	625	335	5.69	4.17	82.0	65.9	98.9	75.0	695	109	0.494
		4.5	16.90	21.5	692	370	5.67	4.15	90.8	72.9	110	83.3	773	120	0.493
		4.6	17.25	22.0	705	377	5.66	4.14	92.5	74.2	112	84.9	789	122	0.492
		4.8	17.95	22.9	731	391	5.65	4.13	95.9	76.9	116	88.2	819	127	0.492
		6.0	22.07	28.1	878	467	5.59	4.08	115	92.0	141	107	997	152	0.487
		6.4	23.13	29.5	904	482	5.54	4.05	119	94.9	147	111	1057	160	0.481
		8.0	28.60	36.4	1095	579	5.48	3.99	144	114.0	179	135	1268	190	0.481
		9.5	33.23	42.3	1234	650	5.40	3.92	162	127.9	205	154	1451	214	0.475
		12.7	41.23	52.5	1390	731	5.14	3.73	182	144.0	241	182	1758	251	0.453
8x4	203.2x101.6	4.0	18.32	23.3	1260	432	7.35	4.30	124	85.0	153	94.8	1035	147	0.596
		4.5	20.49	26.1	1399	478	7.32	4.28	138	94.1	170	105	1152	163	0.594
		4.6	20.92	26.7	1426	487	7.32	4.27	140	95.9	174	108	1176	166	0.594
		4.8	21.78	27.7	1480	505	7.30	4.27	146	99.4	181	112	1222	172	0.593
		6.0	26.85	34.2	1791	607	7.24	4.21	176	119	221	136	1489	207	0.589
		6.4	28.24	36.0	1853	630	7.18	4.18	182	124	230	142	1580	218	0.582
		8.0	34.98	44.6	2259	757	7.12	4.12	222	149.1	282	173	1901	260	0.582
		9.5	40.80	52.0	2570	855	7.03	4.06	253	168	325	199	2183	295	0.577
		12.7	51.36	65.4	2982	988	6.75	3.89	294	194	391	239	2681	351	0.555
8x6	203.2x152.4	4.6	24.59	31.3	1887	1215	7.76	6.23	186	160	220	181	2324	256	0.695
		4.8	25.45	32.4	1940	1251	7.73	6.21	191	164	227	187	2427	266	0.691
		6.4	33.62	42.8	2519	1618	7.67	6.15	248	212	297	244	3147	342	0.689
		8.0	40.93	52.1	2977	1911	7.56	6.05	293	251	356	293	3852	411	0.677
		9.5	48.38	61.6	3476	2221	7.51	6.00	342	292	418	343	4450	472	0.679
		12.7	61.49	78.3	4155	2652	7.28	5.82	409	348	514	422	5635	580	0.657
10x6	254x152.4	4.6	28.26	36.0	3219	1471	9.46	6.39	253	193	306	216	3190	323	0.797
		4.8	29.28	37.3	3313	1516	9.42	6.38	261	199	316	223	3331	336	0.792
		6.4	38.72	49.3	4320	1965	9.36	6.31	340	258	414	292	4328	433	0.791
		8.0	47.31	60.3	5139	2335	9.23	6.22	405	306	499	351	5307	522	0.778
		9.5	55.96	71.3	6020	2715	9.19	6.17	474	356	587	412	6142	601	0.780
		12.7	71.62	91.2	7299	3283	8.94	6.00	575	431	729	512	7823	745	0.758
12x8	304.8x204.2	6.4	49.03	62.5	8234	4458	11.48	8.45	540	437	647	492	9123	717	0.996
		8.0	60.20	76.7	9905	5360	11.37	8.36	650	525	785	598	11252	872	0.984
		9.5	71.26	90.8	11630	6265	11.32	8.31	763	614	926	703	13094	1011	0.985
		12.7	92.08	117.3	14429	7760	11.09	8.13	947	760	1170	889	16934	1277	0.963
14x6	355.6x152.4	6.4	48.93	62.3	9915	2658	12.61	6.53	558	349	698	387	6820	615	0.994
		8.0	60.07	76.5	11902	3183	12.47	6.45	669	418	846	469	8371	744	0.982
		9.5	71.11	90.6	13992	3702	12.43	6.39	787	486	998	550	9707	860	0.983
		12.7	91.88	117.0	17286	4546	12.15	6.23	972	597	1258	692	12421	1076	0.961
16x8	406.4x203.2	6.4	59.14	75.3	16479	5669	14.79	8.67	811	558	995	617	13460	961	1.197
		8.0	72.83	92.8	19938	6850	14.66	8.59	981	674	1213	753	16613	1172	1.185
		9.5	86.26	109.9	23471	8007	14.61	8.54	1155	788	1432	886	19362	1362	1.187
		12.7	112.14	142.8	29463	10016	14.36	8.37	1450	986	1826	1129	25108	1731	1.165

Cold Formed Hollow Sections
Dimensions — Rectangular

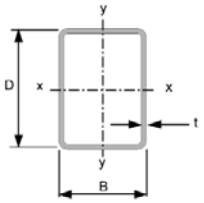


Metric Units

Designation		Mass	Area	Second Moment of Area I		Radius of Gyration r		Elastic Modulus Z		Plastic Modulus S		Torsional Constant		Surface
Size	Thickness	Per Metre	of Section	Axis x-x	Axis y-y	Axis x-x	Axis y-y	Axis x-x	Axis y-y	Axis x-x	Axis y-y			Area per Metre
DxB	t		A									J	C	
mm	mm	kg/m	cm^2	cm^4	cm^4	cm	cm	cm^3	cm^3	cm^3	cm^3	cm^4	cm^3	m^2/m
19x9	1.2	0.45	0.58	0.23	0.07	0.63	0.35	0.24	0.15	0.32	0.19	0.19	0.27	0.052
	1.6	0.57	0.73	0.27	0.08	0.61	0.33	0.28	0.17	0.39	0.22	0.22	0.32	0.051
25x12	1.2	0.62	0.79	0.58	0.18	0.86	0.48	0.47	0.30	0.60	0.36	0.47	0.53	0.070
	1.6	0.80	1.02	0.70	0.21	0.83	0.46	0.56	0.36	0.75	0.44	0.58	0.64	0.069
38x19	1.0	0.84	1.07	1.99	0.68	1.36	0.79	1.05	0.71	1.30	0.80	1.65	1.23	0.111
	1.2	1.00	1.27	2.32	0.78	1.35	0.78	1.22	0.82	1.53	0.94	1.93	1.43	0.110
	1.6	1.30	1.66	2.91	0.97	1.33	0.77	1.53	1.02	1.95	1.20	2.46	1.79	0.109
50x25	1.0	1.13	1.43	4.69	1.60	1.81	1.06	1.87	1.28	2.31	1.43	3.85	2.22	0.147
	1.2	1.34	1.71	5.50	1.88	1.80	1.05	2.20	1.50	2.73	1.69	4.54	2.59	0.146
	1.6	1.75	2.23	7.02	2.37	1.77	1.03	2.81	1.90	3.53	2.17	5.85	3.29	0.145
	2.3	2.44	3.10	9.31	3.10	1.73	1.00	3.72	2.48	4.78	2.92	7.90	4.34	0.142
	3.0	3.07	3.91	11.17	3.67	1.69	0.97	4.47	2.93	5.86	3.56	9.64	5.18	0.140
60x40	1.6	2.38	3.03	15.2	8.16	2.24	1.64	5.07	4.08	6.12	4.64	16.9	6.72	0.195
	2.3	3.34	4.25	20.7	11.00	2.20	1.61	6.88	5.50	8.44	6.38	23.4	9.10	0.192
	3.0	4.25	5.41	25.4	13.44	2.17	1.58	8.46	6.72	10.53	7.94	29.3	11.17	0.190
	4.5	6.02	7.67	33.3	17.44	2.08	1.51	11.10	8.72	14.32	10.75	39.9	14.69	0.185
75x38	1.6	2.71	3.45	25.3	8.8	2.71	1.60	6.8	4.66	8.3	5.21	21.2	8.0	0.221
	2.3	3.81	4.85	34.6	12.0	2.67	1.57	9.2	6.30	11.5	7.19	29.2	10.9	0.218
	3.0	4.86	6.19	42.8	14.7	2.63	1.54	11.4	7.7	14.5	9.0	36.6	13.4	0.216
75x5	1.9	3.54	4.51	35.5	19.1	2.81	2.05	9.5	7.62	11.4	8.65	39.5	12.5	0.243
	2.3	4.24	5.40	41.9	22.4	2.79	2.04	11.2	8.96	13.6	10.26	46.9	14.8	0.242
	3.0	5.42	6.91	52.2	27.8	2.75	2.00	13.9	11.1	17.1	12.9	59.3	18.4	0.240
	4.5	7.79	9.92	70.6	37.2	2.67	1.94	18.8	14.87	23.8	17.88	82.7	24.9	0.235
	6.0	9.92	12.63	84.4	44.1	2.58	1.87	22.5	17.6	29.2	21.9	101.8	29.8	0.229
100x50	1.9	4.29	5.46	71.6	24.5	3.62	2.12	14.3	9.8	17.6	10.9	58.7	16.9	0.293
	2.3	5.14	6.55	85	29.0	3.60	2.10	17.0	11.6	21.0	13.0	69.9	20.0	0.292
	3.0	6.60	8.41	106.5	36.1	3.56	2.07	21.3	14.4	26.7	16.4	88.6	25.0	0.290
	3.2	7.01	8.93	112	38.0	3.55	2.06	22.5	15.2	28.2	17.4	93.7	26.4	0.289
	4.5	9.55	12.17	146.6	48.9	3.47	2.00	29.3	19.5	37.6	23.0	124.3	34.2	0.285
	6.0	12.27	15.63	179	58.7	3.38	1.94	35.8	23.5	46.9	28.5	154.2	41.4	0.279
100x75	2.3	6.05	7.70	112.3	72.3	3.82	3.06	22.5	19.3	26.6	21.9	138.3	31.0	0.342
	3.0	7.78	9.91	142	91.1	3.78	3.03	28.4	24.3	33.9	27.9	176.6	39.1	0.340
	4.5	11.32	14.42	197.9	126.5	3.71	2.96	39.6	33.7	48.3	39.6	252.7	54.6	0.335
	6.0	14.63	18.63	245	156.0	3.63	2.89	49.0	41.6	61.0	49.9	320.4	67.7	0.329

8 Cross Street #24-03 PWC Building Singapore 048424
Tel: (65) 6221 0018 • Fax: (65) 6224 6771
Kranji Yard: No. 20 Kranji Loop Singapore 739556 • Gul Crescent Yard: Lot No. 1055110 Gul Crescent
sales@regencysteelasia.com.sg • www.regencysteelasia.com.sg
RSA Regency Steel Asia

Cold Formed Hollow Sections
Dimensions — Rectangular



Metric Units

Designation		Mass	Area	Second Moment of Area I		Radius of Gyration r		Elastic Modulus Z		Plastic Modulus S		Torsional Constant		Surface
Size	Thickness	Per Metre	of Section											Area per Metre
DxB	t		A	Axis x-x	Axis y-y	Axis x-x	Axis y-y	Axis x-x	Axis y-y	Axis x-x	Axis y-y	J	C	
mm	mm	kg/m	cm^2	cm^4	cm^4	cm	cm	cm^3	cm^3	cm^3	cm^3	cm^4	cm^3	m^2/m
125x50	2.3	6.05	7.70	148.2	35.5	4.39	2.15	23.7	14.2	29.9	15.7	93.9	25.3	0.342
	3.0	7.78	9.91	187	44.4	4.34	2.12	29.9	17.7	38.1	20.0	119.0	31.6	0.340
	4.5	11.32	14.42	260.7	60.6	4.25	2.05	41.7	24.2	54.2	28.1	167.4	43.5	0.335
	6.0	14.63	18.63	322	73.3	4.16	1.98	51.5	29.3	68.3	35.1	208.5	53.1	0.329
125x75	2.3	6.95	8.85	192	87.5	4.65	3.14	30.6	23.3	37.0	26.1	190	39.1	0.392
	3.0	8.96	11.4	243	111	4.61	3.11	38.9	29.5	47.3	33.3	243	49.5	0.390
	3.2	9.52	12.1	257	117	4.60	3.10	41.1	31.1	50.1	35.3	258	52.3	0.389
	4.5	13.08	16.7	342	155	4.53	3.04	54.8	41.2	67.7	47.5	349	69.5	0.385
	6.0	16.98	21.6	428	192	4.45	2.98	68.5	51.1	86.2	60.3	444	86.7	0.379
150x75	3.0	10.13	12.9	380	130	5.42	3.17	50.6	34.7	62.5	38.7	312	59.8	0.440
	3.2	10.78	13.7	402	137	5.41	3.16	53.6	36.6	66.3	41.0	331	63.3	0.439
	4.5	14.85	18.9	539	183	5.34	3.11	71.9	48.7	90.0	55.5	448	84.4	0.435
	6.0	19.34	24.6	679	228	5.25	3.04	90.5	60.7	115.1	70.6	572	105.8	0.429
	9.0	27.61	35.2	905	297	5.07	2.91	120.7	79.2	158.3	96.3	781	139.8	0.419
150x100	3.0	11.31	14.4	461	248	5.65	4.15	61.4	49.5	73.5	55.8	507	81.4	0.490
	3.2	12.03	15.3	488	262	5.64	4.14	65.1	52.5	78	59.2	539	86	0.489
	4.5	16.62	21.2	658	352	5.58	4.08	88	70.4	106	81	736	116	0.485
	6.0	21.69	27.6	835	444	5.50	4.01	111.3	88.8	137	103.3	948	147	0.479
	9.0	31.14	39.7	1129	595	5.33	3.87	151	119.0	190	143	1323	199	0.469
200x100	4.5	20.15	25.7	1331	455	7.20	4.21	133	90.9	165	102	1097	157	0.585
	9.0	38.21	48.7	2346	782	6.94	4.01	235	156.4	300	184	1988	273	0.569
	12.0	49.09	62.5	2860	939	6.76	3.87	286	188	375	228	2467	331	0.559
200x150	6.0	31.11	39.6	2268	1457	7.56	6.06	227	194	271	223	2826	313	0.679
	9.0	44.73	57.0	3097	1985	7.37	5.90	310	265	379	312	4055	435	0.661
	12.0	56.57	72.1	3668	2353	7.14	5.71	367	314	463	380	5099	532	0.638
250x150	6.0	35.82	45.6	3886	1768	9.2	6.23	311	236	378	266	3886	396	0.779
	9.0	51.79	66.0	5369	2433	9.0	6.07	430	324	533	375	5596	554	0.761
	12.0	65.99	84	6458	2925	8.8	5.90	517	390	658	463	7088	684	0.738
300x200	6.0	45.24	57.6	7370	3962	11.3	8.29	491	396	588	446	8115	651	0.979
	9.0	65.92	84.0	10371	5561	11.1	8.14	691	556	840	637	11822	927	0.961
	12.0	84.83	108	12788	6854	10.9	7.96	853	685	1056	801	15236	1167	0.938
400x200	6.0	54.66	69.6	14789	5092	14.6	8.55	739	509	906	562	12069	877	1.18
	9.0	80.05	102	21023	7204	14.4	8.40	1051	720	1305	809	17615	1255	1.16
	12.0	103.67	132	26248	8977	14.1	8.24	1312	898	1656	1027	22782	1591	1.14